

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	431	251/63.5.ccls.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:47
L9	27	251/63.5.ccls. and (pressur \$4 same (steam or vessel))	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:48
L10	21	251/63.5.ccls. and (chang \$5 with seat)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:49
L11	25	251/63.5.ccls. and (actuator with piston with air)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:53
L12	39	251/63.5.ccls. and (actuator same piston same air)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:55
L13	14	251/63.5.ccls. and (actuator same piston same air) not l11	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:56
L14	51	251/63.5.ccls. and (pressur \$4 near5 bias\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:12
L15	20	251/63.5.ccls. and (pressur \$4 near5 bias\$3) and (piston same air)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:13
L16	46	("0122427"   "1964196"   "2323115"   "3189045"   "3362487"   "3470972"   "3476153"   "3508577"   "3563508"   "3677353"   "3693732"   "3791621"   "3827511"   "3838707"). PN. OR ("4044834").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:18
L17	18	("2259019"   "3362487"   "3470972"   "3550696"   "3613734"   "R026220"). PN. OR ("3693732").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:28
L18	8	251/63.5.ccls. and (pressure vessel)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:29
L19	83	251/63.5.ccls. and (pressure with bias\$5)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:32
L20	79	251/63.5.ccls. and (pressure with bias\$5) and piston	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:32
L21	13	251/63.5.ccls. and (pressure with bias\$5) and (piston with pneumatic)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:33

L22	9	251/63.5.ccls. and (fluid with bias\$5) and (piston with pneumatic)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:35
L23	64	251/63.5.ccls. and (piston with pneumatic)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:36
L24	1	"4976404".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:45
L25	384	251/63.5.ccls. and (piston)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:46
L26	63	251/63.5.ccls. and (piston with actuator) and (pressur \$4 with fluid with (retain or bias or clos\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:47
L27	7	251/63.5.ccls. and (piston with actuator) and (pressur \$4 with fluid with (retain or bias or clos\$3)) not spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:52
L28	15	251/63.5.ccls. and (piston with actuator) not spring	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:54
L29	15	("3065597"   "3102386"). PN. OR ("4023355").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 14:56
L30	4	("137" or "251").clas. and (air-driven piston)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 15:29
L31	38	("137" or "251").clas. and (valve member) near6 interchangeable	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:15
L32	2227	("137" or "251").clas. and interchangeable	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:33
L33	80	("137" or "251").clas. and interchangeable with seal	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:33
L34	68	("137" or "251").clas. and interchangeable with material	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:34
L35	268	("137" or "251").clas. and (valve member) with removabl\$2 with stem	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:35
L36	268	("137" or "251").clas. and ((valve member) with removabl\$2 with stem)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:35

L37	46	("137" or "251").clas. and (((valve member) with removabl\$2 with stem) same materials)	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:36
L38	19	("137" or "251").clas. and ((valve member) with removabl\$2 with stem) and poppet	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 16:37
L39	5	("3164181"   "3811279"   "4064794"   "4589627"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/14 18:14
S1	428	(251/63.5).cccls.	US-PGPUB; USPAT	ADJ	ON	2007/10/11 12:36
S2	51	("0467181"   "0685748"   "0962736"   "0977105"   "1245516"   "1846624"   "2090512"   "2223699"   "2397269"   "2593740"   "2602467"   "2634754"   "2654560"   "2707484"   "2778598"   "2914083"   "3168283"   "3454032"   "3592563"   "3884251"   "4019713"   "4098171"   "4307654"   "4462426"   "4541607"   "4757974"   "4813575"   "4945941"   "5411375"   "5423129"   "5540558").PN. OR ("5899435").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:49
S3	0	"10541903".an.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:50
S4	0	"10541903".rlan.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:50
S5	0	"10/541903".rlan.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 14:50
S6	0	"10541903".rlan.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 16:29
S7	5	("4589627" or "3811279" or "4064794" or "3164181").pn.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:03
S8	23	("1490633"   "1641131"   "2587539"   "2635634"   "2867081"   "3814375"). PN. OR ("4589627").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/11 16:45

S9	1	99/474.ccls. and trap and (releas\$3 or expan\$4) and (vessel)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:04
S10	16	("1325847"   "2638137"   "2676632"   "3164181"   "3623627"   "3844597"   "3853049").PN. OR ("4064794").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:08
S11	11	("1325847"   "2638137"   "2676632"   "3164181"   "3623627"   "3844597"   "3853049").PN. OR ("4064794").URPN. and trap	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:08
S12	11	("1325847"   "2638137"   "2676632"   "3164181"   "3623627"   "3844597"   "3853049").PN. OR ("4064794").URPN. and trap and solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:13
S13	11	("1325847"   "2638137"   "2676632"   "3164181"   "3623627"   "3844597"   "3853049").PN. OR ("4064794").URPN. and trap and solid and expan\$4 and vessel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:14
S14	0	((("1325847"   "2638137"   "2676632"   "3164181"   "3623627"   "3844597"   "3853049").PN. OR ("4064794").URPN.) and trap and solid and expan\$4 and vessel	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:14
S15	1	((("1325847"   "2638137"   "2676632"   "3164181"   "3623627"   "3844597"   "3853049").PN. OR ("4064794").URPN.) and trap	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:15
S16	2	((("1325847"   "2638137"   "2676632"   "3164181"   "3623627"   "3844597"   "3853049").PN. OR ("4064794").URPN.) and solid	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:17
S17	1	10/541903	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:21

S18	2	99/467.ccls. and steam and peel and vessel and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:35
S19	0	99/467.ccls. and (solids trap) and expan\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:35
S20	0	99/467.ccls. and (solids trap)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:36
S21	185	(solids trap)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:36
S22	39	(solids trap) and (expan\$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:50
S23	33	(solids trap) and (expan\$4) and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:09
S24	9	(solids trap) same (expan \$4) and pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:36
S25	7	(solids trap) same (expan \$4) same pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:37
S26	17	(solids trap) and ((expan \$4) same pressur\$6)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 09:38
S27	0	("2003/0170364").URPN.	USPAT	ADJ	ON	2007/10/12 10:00
S28	0	("2003/0170364").URPN.	USPAT	ADJ	ON	2007/10/12 10:01
S29	0	"431" "702"	EPO	ADJ	ON	2007/10/12 10:03
S30	1	"431702"	EPO	ADJ	ON	2007/10/12 10:04
S31	557	426/481.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:09
S32	5	426/481.ccls. and (trap same (expansion or steam or pressur\$4))	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:10
S33	5	("3354923").URPN.	USPAT	ADJ	ON	2007/10/12 10:13

S34	30	("0676969"   "0738745"   "0843413"   "1230757"   "1818367"   "1945820"   "2850162"   "2917344"   "3096276"   "3354923"   "3360125"   "3710561"   "4251356"   "4441994"   "4481019").PN. OR ("4988373").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:15
S35	1	((("0676969"   "0738745"   "0843413"   "1230757"   "1818367"   "1945820"   "2850162"   "2917344"   "3096276"   "3354923"   "3360125"   "3710561"   "4251356"   "4441994"   "4481019").PN. OR ("4988373").URPN.) and steam	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:18
S36	120	426/481.ccls. and steam	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:18
S37	5	426/481.ccls. and steam and trap	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:20
S38	69	426/481.ccls. and steam and solids	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:20
S39	20	426/481.ccls. and steam and (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:24
S40	201	"209".clas. and steam and (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:24
S41	61	"209".clas. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:32
S42	0	"99/584".clas. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:34
S43	0	"426/478,479,481".clas. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:34
S44	0	(426\478 or 426\479 or 426\481).ccls. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36
S45	0	(426\478 or 426\479 or 426\481).ccls. and (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36

S46	0	(426\478 or 426\479 or 426\481).ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36
S47	14	(426/478 or 426/479 or 426/481).ccls. and steam same (remov\$2 near3 solids)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 10:36
S48	126	(solids trap) and (pressur \$4)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:05
S49	35	(solids trap) and (steam)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:05
S50	4	(solids trap) with (steam)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:06
S51	0	("2032299").URPN.	USPAT	ADJ	ON	2007/10/12 11:06
S52	0	("2032299").URPN.	USPAT	ADJ	ON	2007/10/12 11:07
S53	0	("2032299").URPN.	USPAT	ADJ	ON	2007/10/12 11:08
S54	1	("2032299")	USPAT	ADJ	ON	2007/10/12 11:19
S55	358	202/170.ccls.	USPAT	ADJ	ON	2007/10/12 11:20
S56	17	202/170.ccls. and vessel and steam	USPAT	ADJ	ON	2007/10/12 11:23
S57	7	202/170.ccls. and (vessel with steam)	USPAT	ADJ	ON	2007/10/12 11:23
S58	3	202/170.ccls. and (steam same trap)	USPAT	ADJ	ON	2007/10/12 11:27
S59	5	202/170.ccls. and (pressur \$4 same trap)	USPAT	ADJ	ON	2007/10/12 11:35
S60	0	"10541903"	USPAT	ADJ	ON	2007/10/12 11:35
S61	0	"10/541903"	USPAT	ADJ	ON	2007/10/12 11:37
S62	1	"10/541903"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/10/12 11:37
S63	1	10/541903	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:10

1/14/2008 6:15:11 PM

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